



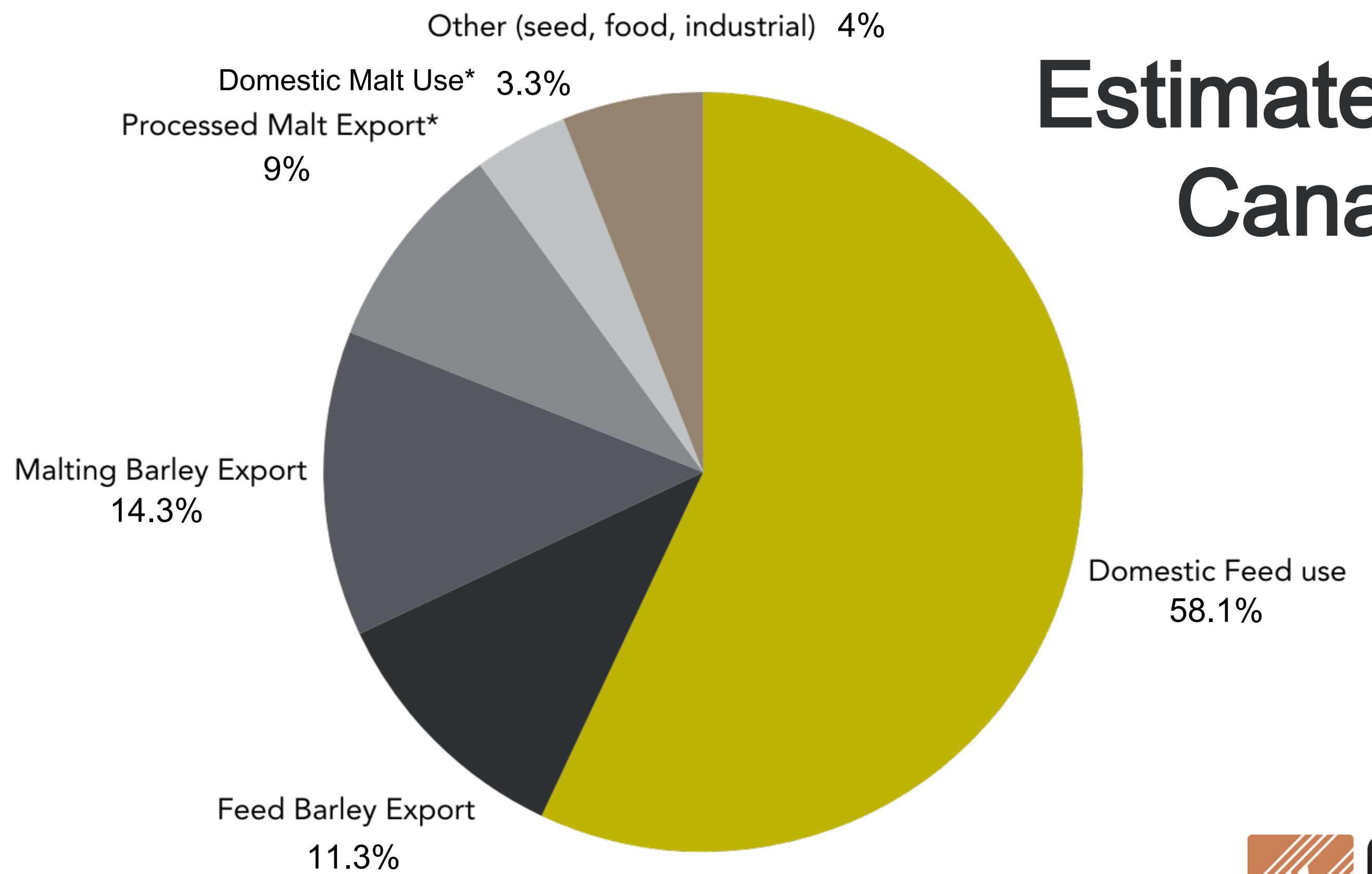
# From Seed to Feed

## New Feed Barley Varieties



Mitchell Japp, Research and  
Extension Manager

# Estimated Usage of Canadian Barley

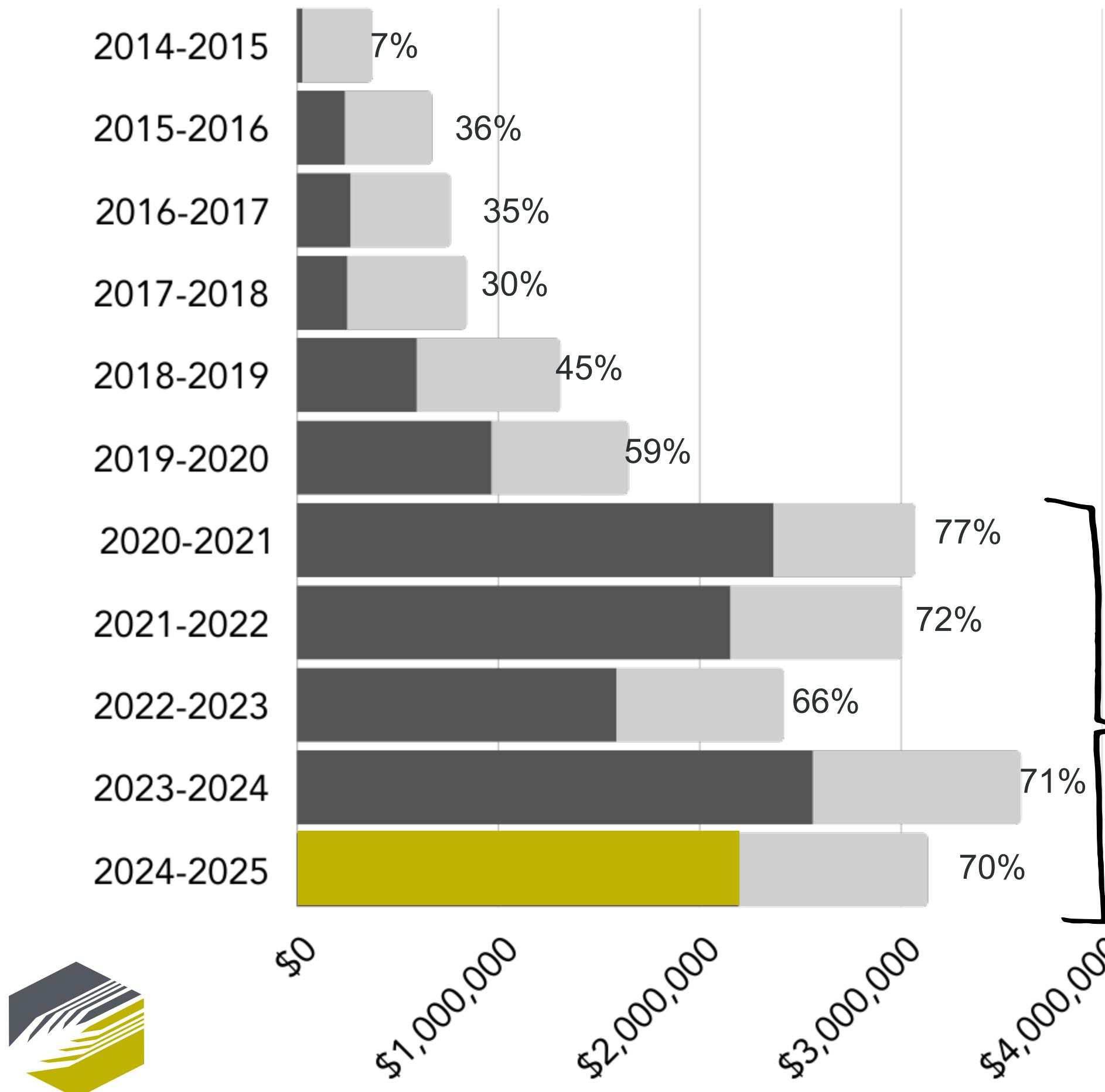


\*Barley equivalent

Source: Statistics Canada, CMBTC estimates



# Levy Investments into Research



5 Year Average = 71%

**\$1,678,106**

VALUE OF NEW RESEARCH COMMITMENT  
IN 2024-25



For \$0.02/bu  
you get NEW  
varieties that  
**PERFORM**

AAC Prairie  
**CDC Fraser**  
AAC CONNECT  
AAC Stockton  
AAC Lariat  
CDC Durango  
CDC CHURCHILL

**multiplier effect**

**For every \$1**  
invested by SaskBarley,  
**\$3 more**  
is invested by partners.  
= **\$17.7 Million**  
in total collaborative investment.. to improve

- Lodging resistance
- Variety development
- Plant Growth Regulators
- 4R Nitrogen Management
- Nitrogen losses
- Improved breeding efficiency
- and more!





## Sustainable Canadian Agriculture Program Barley Cluster - \$9.6 M over 5 years

Started in 2023, this initiative is led by CBRC to deliver coordinated research across barley genetics, agronomy, quality, and sustainability.



**Sustainable Canadian  
Agricultural Partnership**  
Competitive. Innovative. Resilient.

**Canada**



**Research**



**\$1.06/MT or \$0.02/bu**

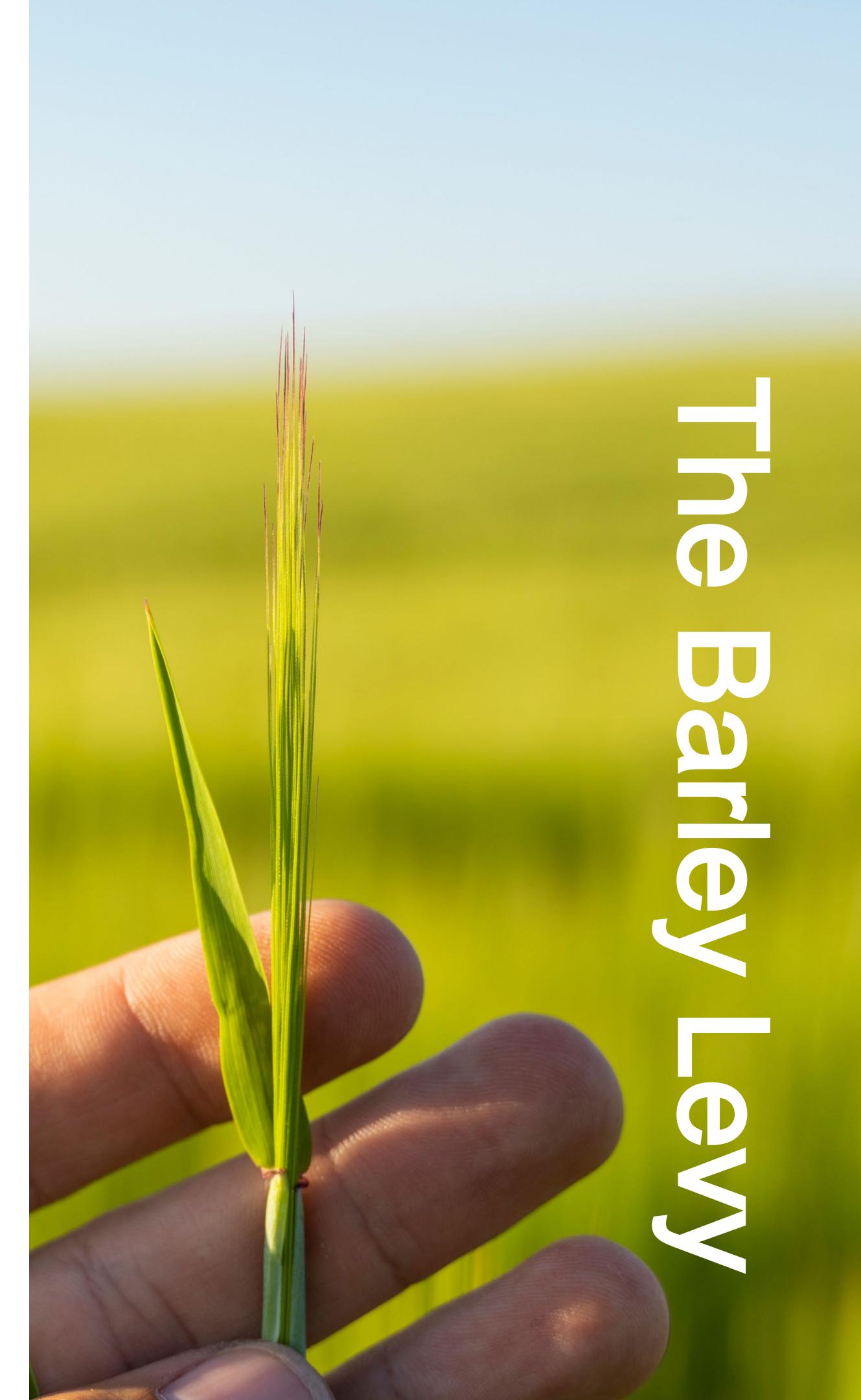
**\$13,180,948**

TOTAL VALUE OF RESEARCH INVESTMENT TO DATE

**87**  
PROJECTS  
COMPLETED

**61**  
LEAD  
RESEARCHERS  
FUNDED

**57**  
ACTIVE  
PROJECTS



The Barley Levy

# THE BARLEY LEVY

powers direct  
benefits for  
your farm .



Active research projects funded by SaskBarley .



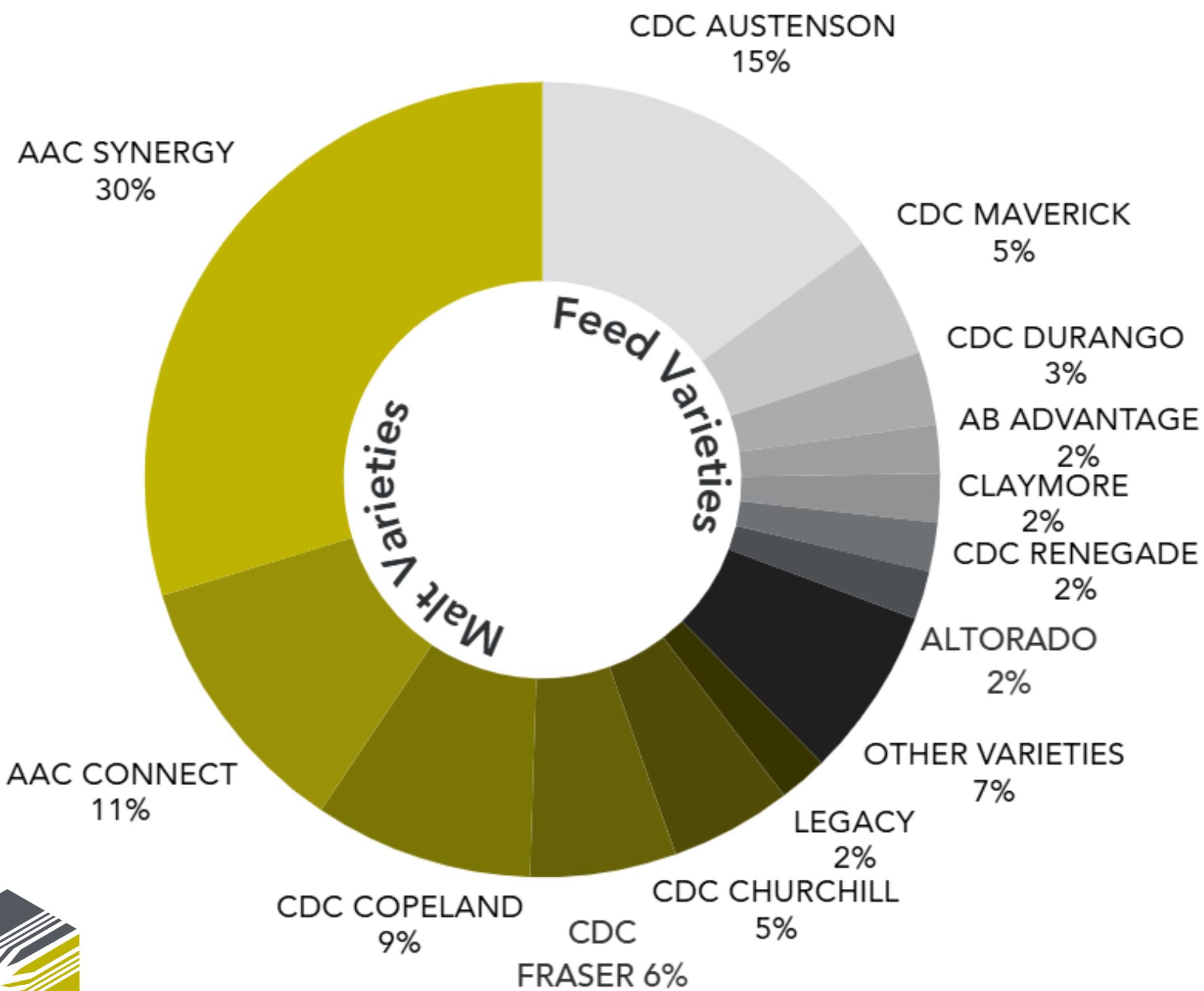
## Your ROI?

\$26 returned for every  
\$1 you contribute.

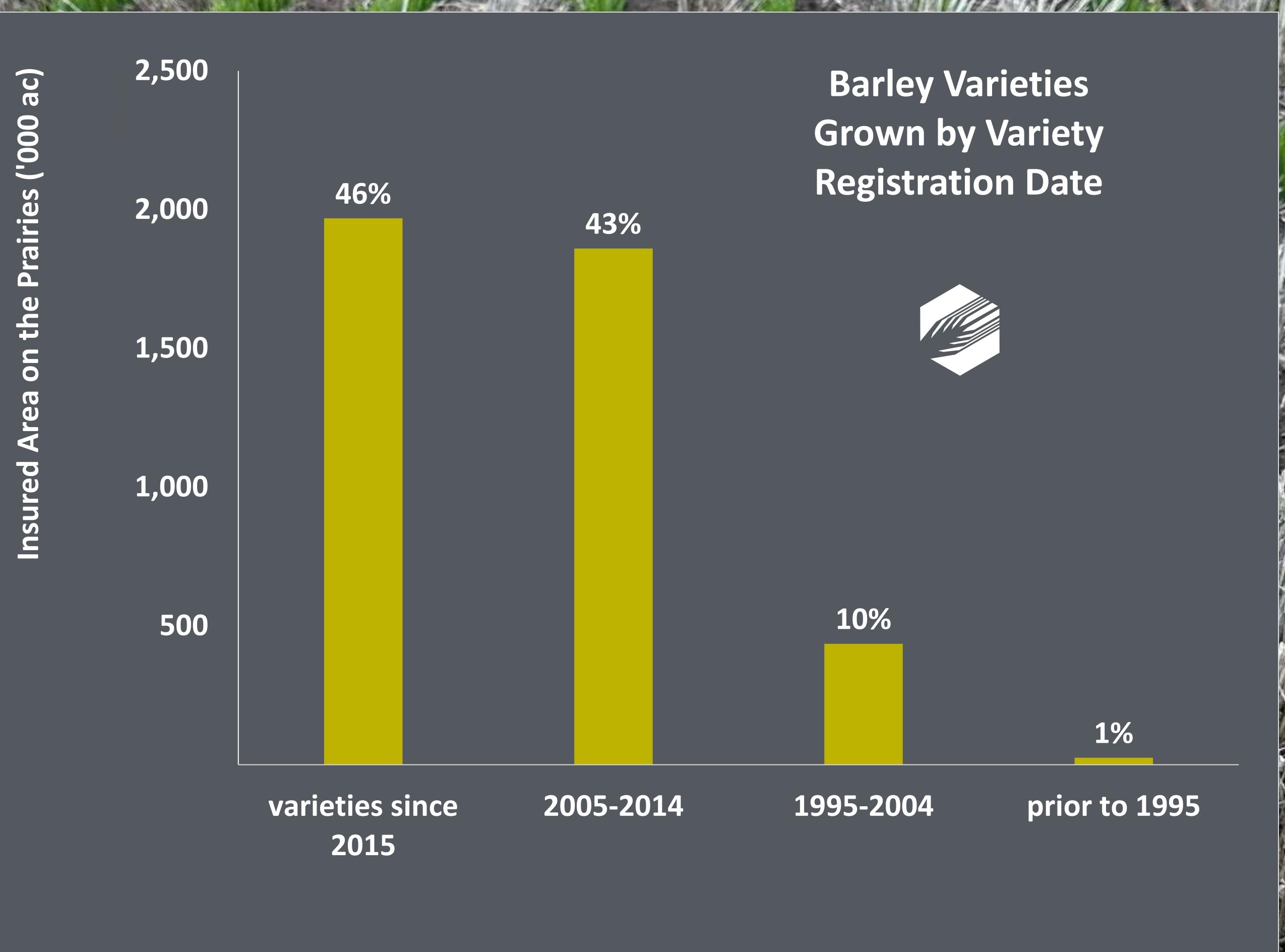
SaskBarley's 3-year avg.  
proportion of expenses  
invested in research is

71%

# Top Barley Varieties



(Seeded area in Saskatchewan)

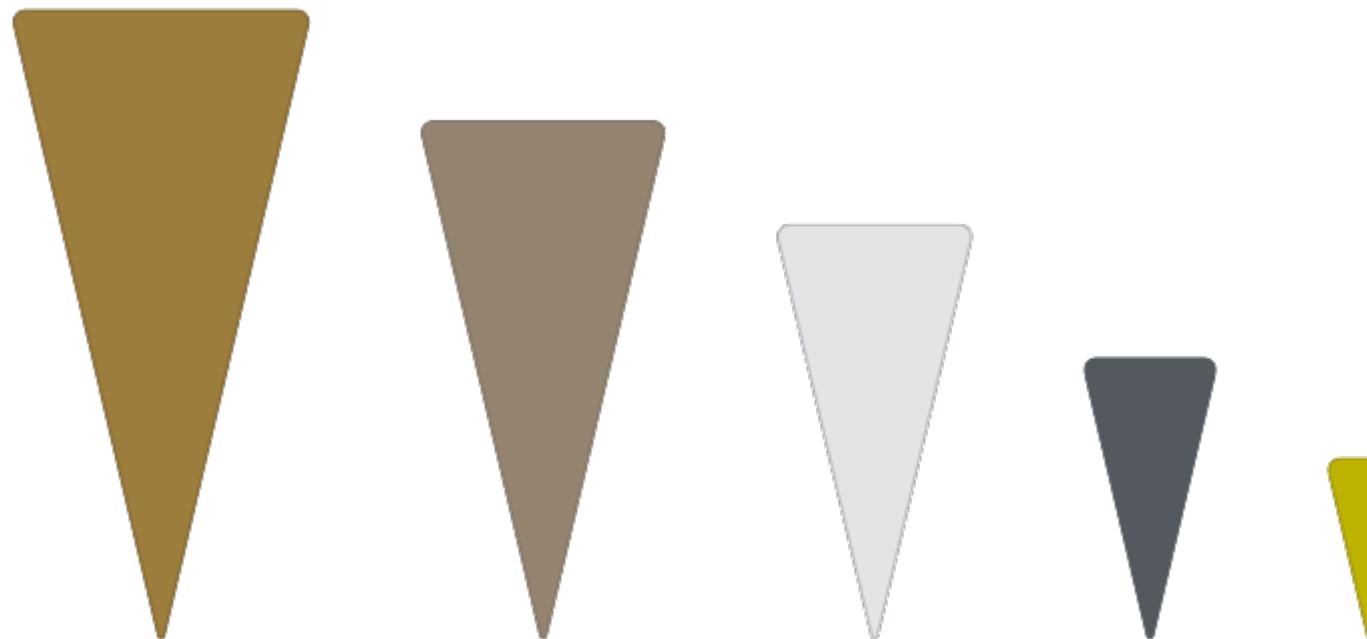






# Comparing Varieties

## Legend:

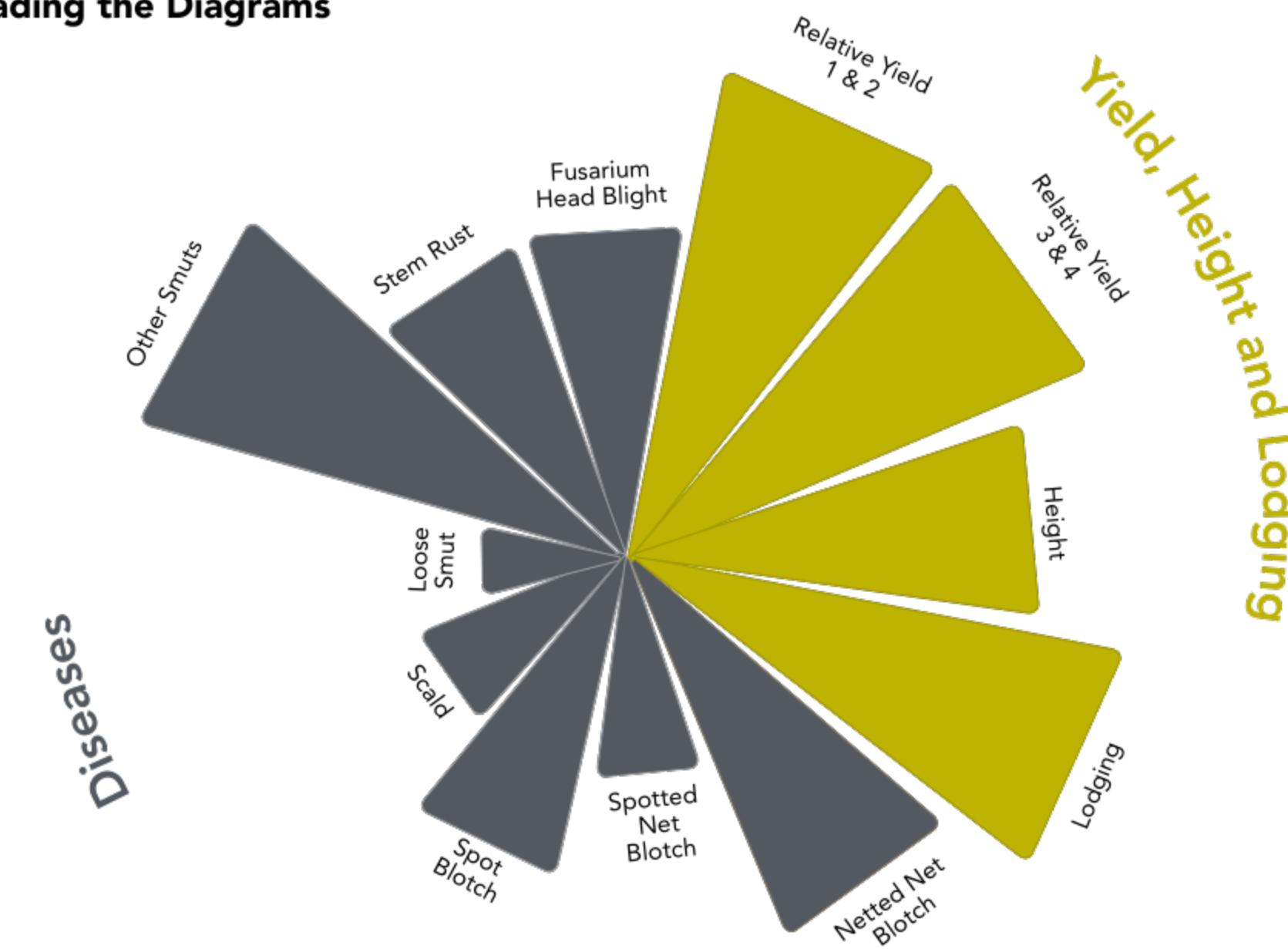


Yield/Lodg	VG	G	F	-	-
Height	VS	S	M	T	VT
Disease	R	MR	I	MS	S



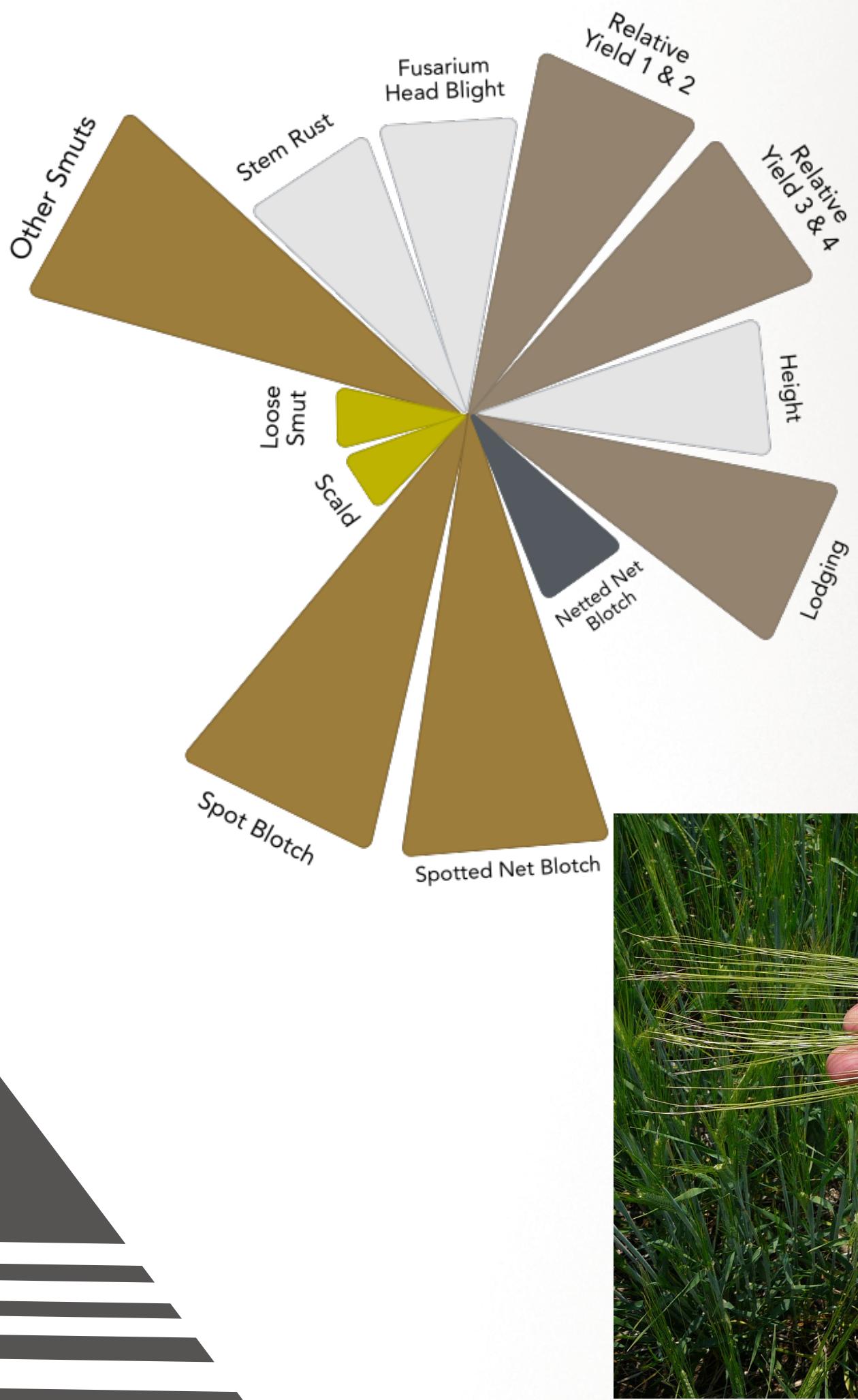
# Comparing Varieties

## Reading the Diagrams



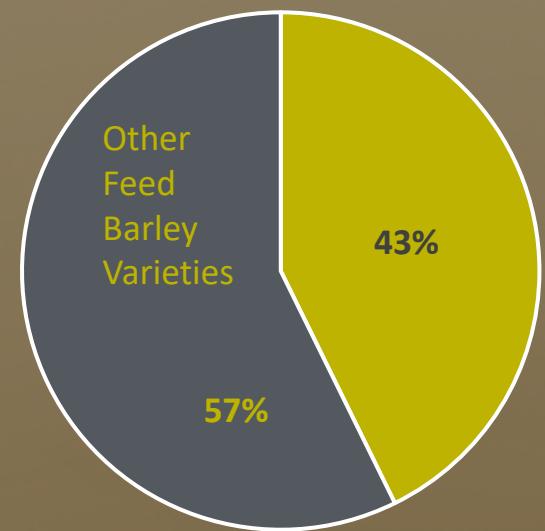
# SeCan

## CDC Austenson

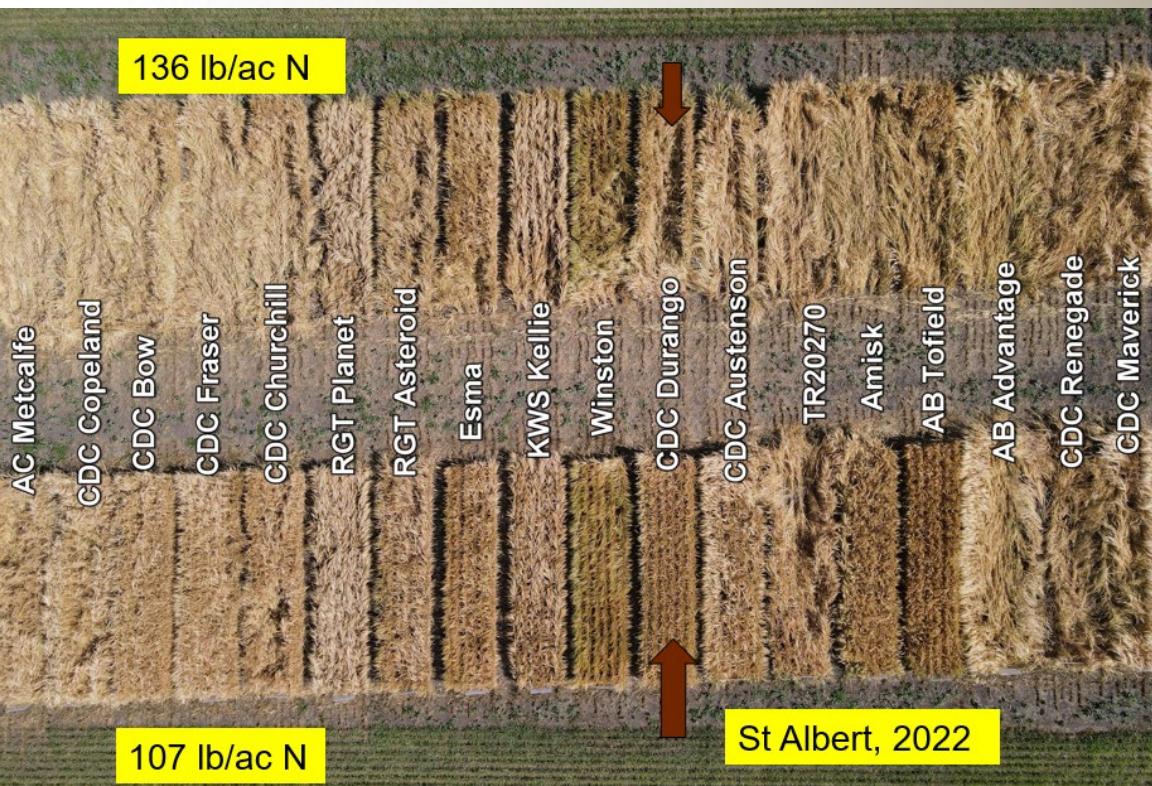
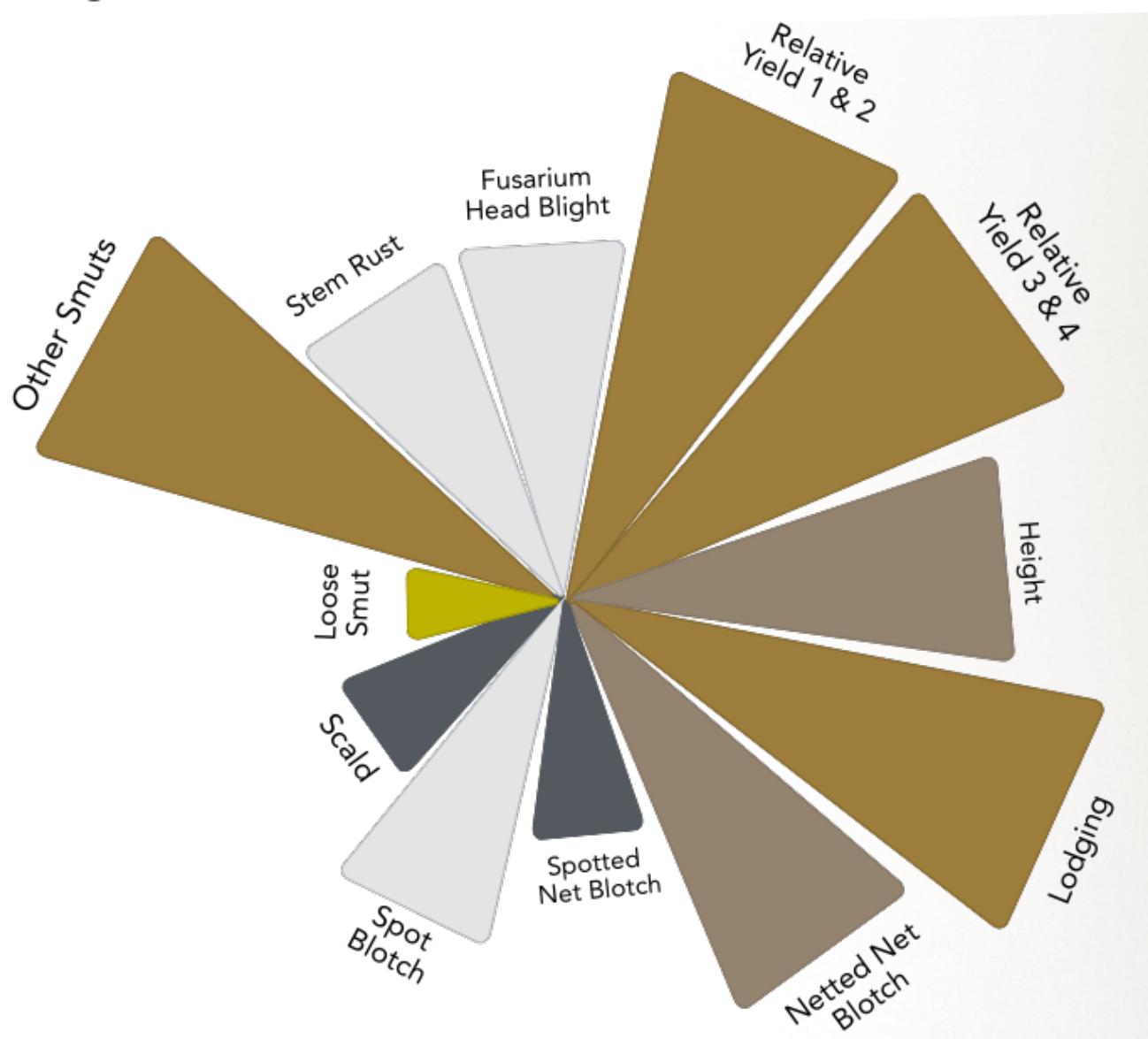


### Highlights:

- Plumpness
- Kernel size
- Kernel uniformity
- Straw strength
- Disease resistance
- Yield
- Reg. 2009

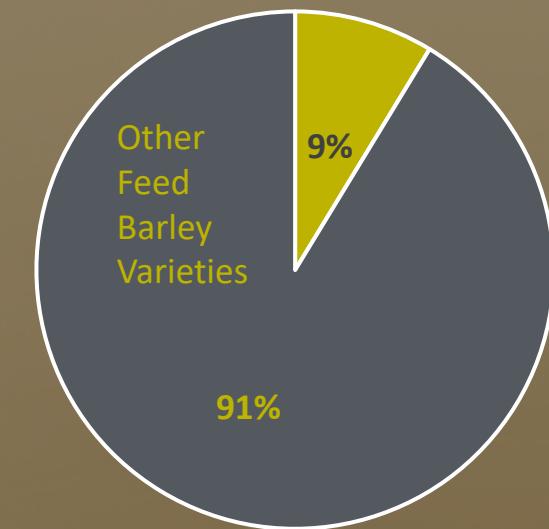


## CDC Durango

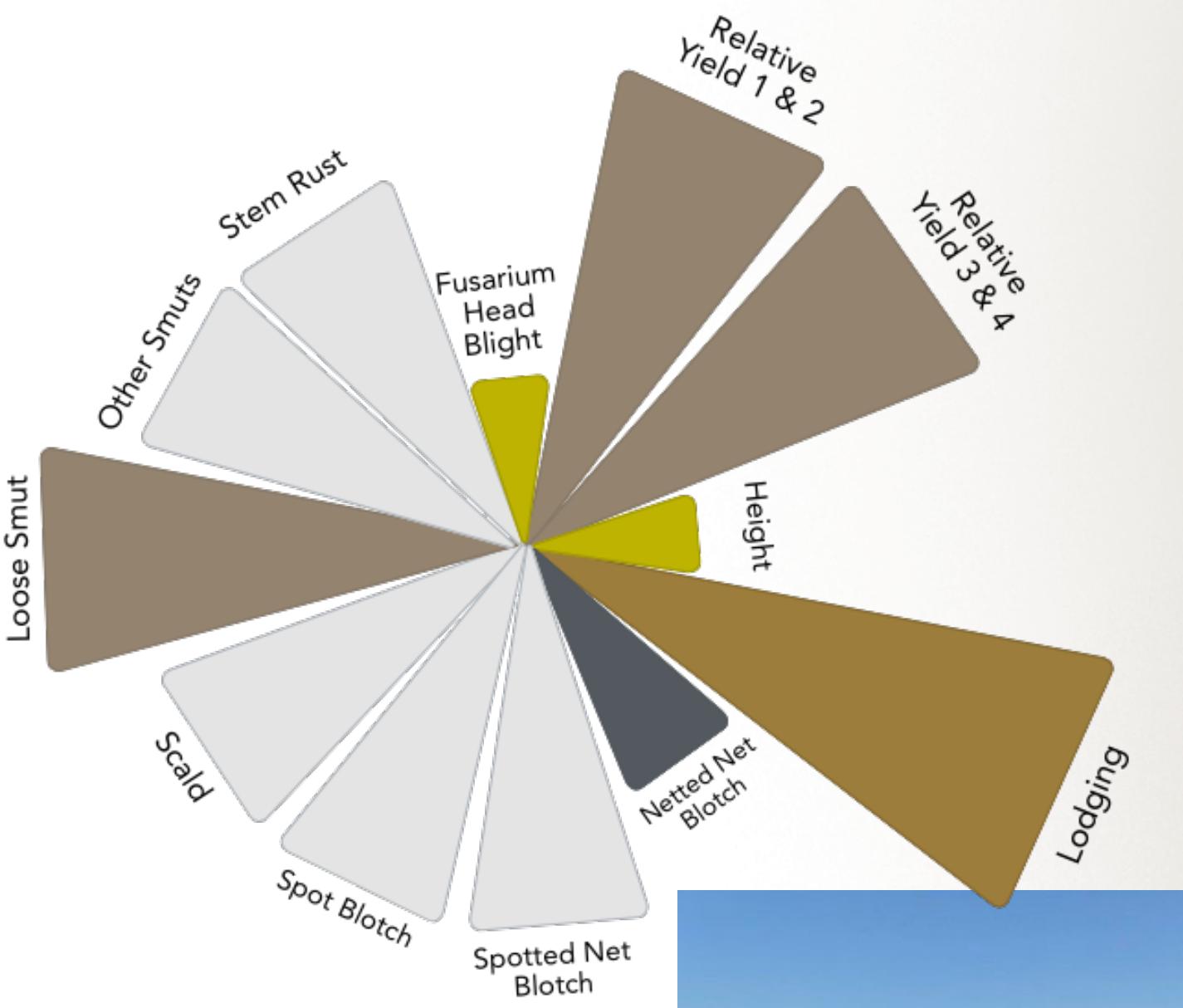


### Highlights:

- Yield
- Standability
- Disease resistance
- Reg. 2022

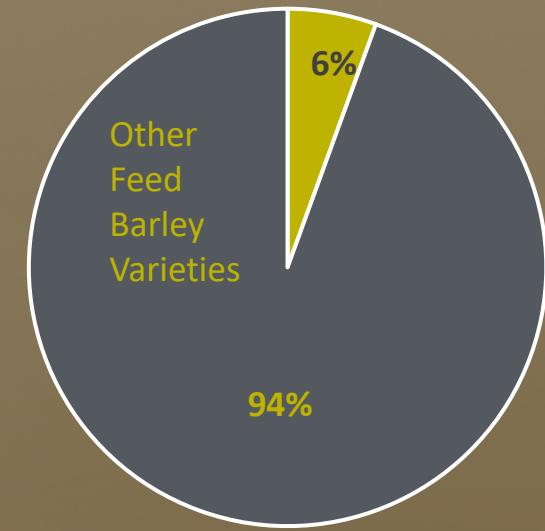


## AB Advantage

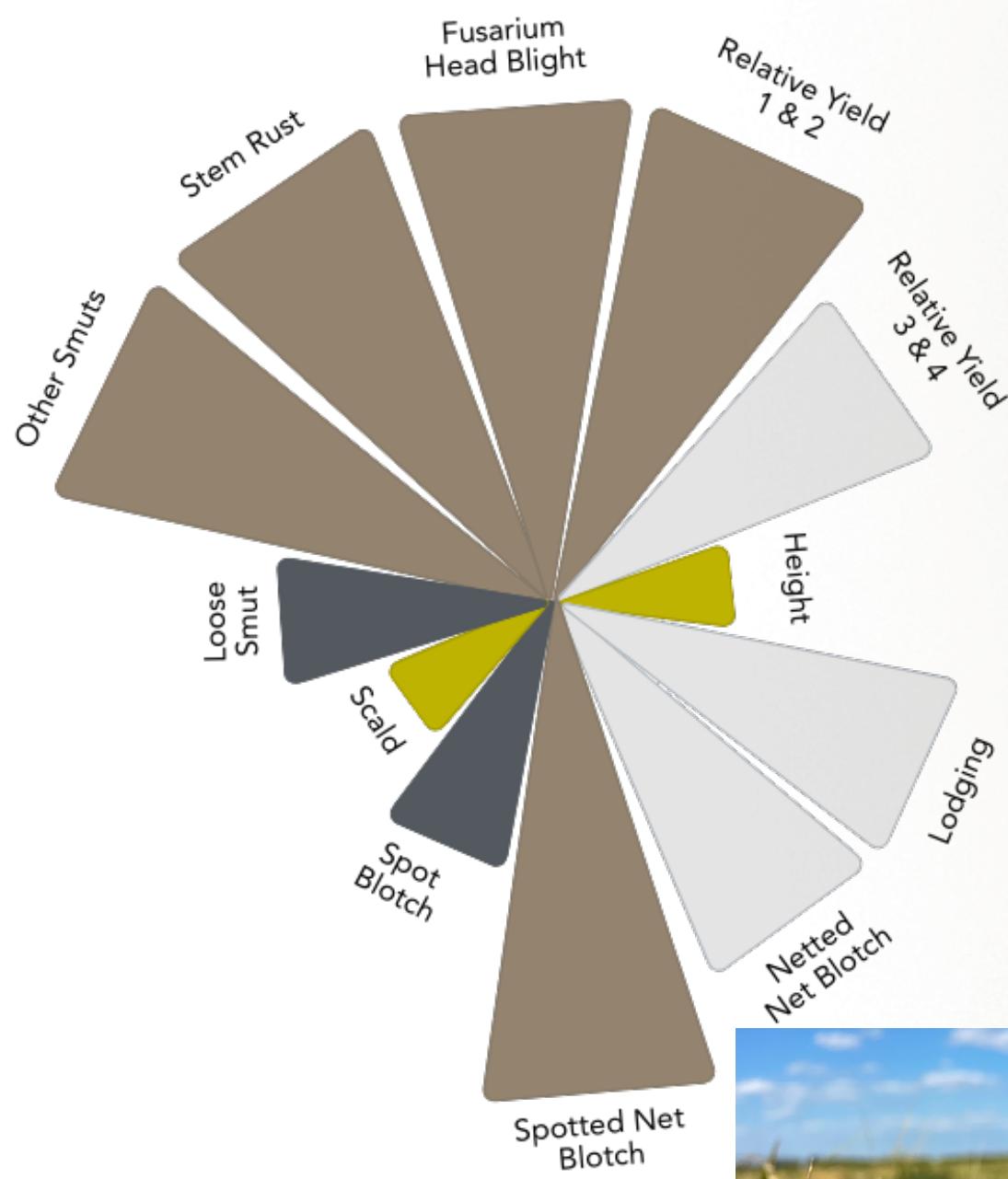


### Highlights:

- 6-row, smooth awn
- Dual purpose, feed/forage
- Good grain yield
- Strong forage yield
- Plump kernels
- Tall, but stands well
- Reg. 2018

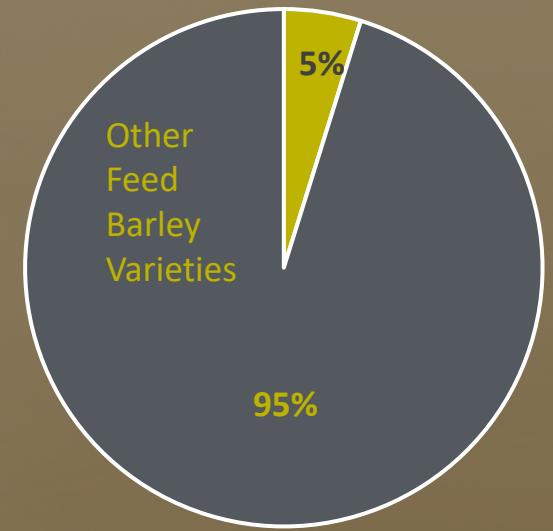


## CDC Renegade



### Highlights:

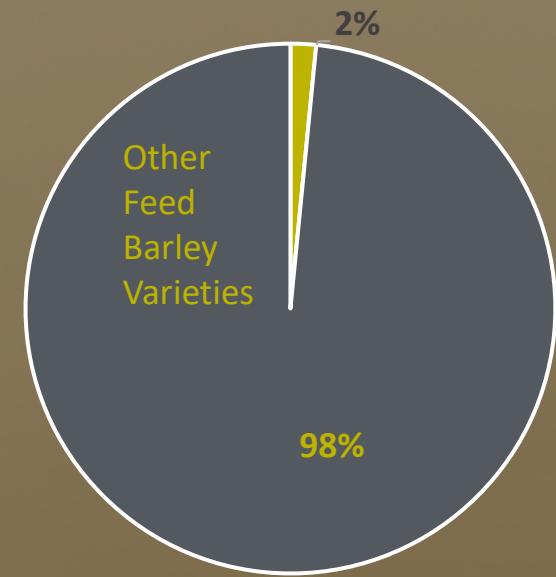
- 2-row, smooth awn
- Dual purpose feed/forage
- Good grain yield
- Superb forage yield
- Short, but weak straw
- Reg. 2021





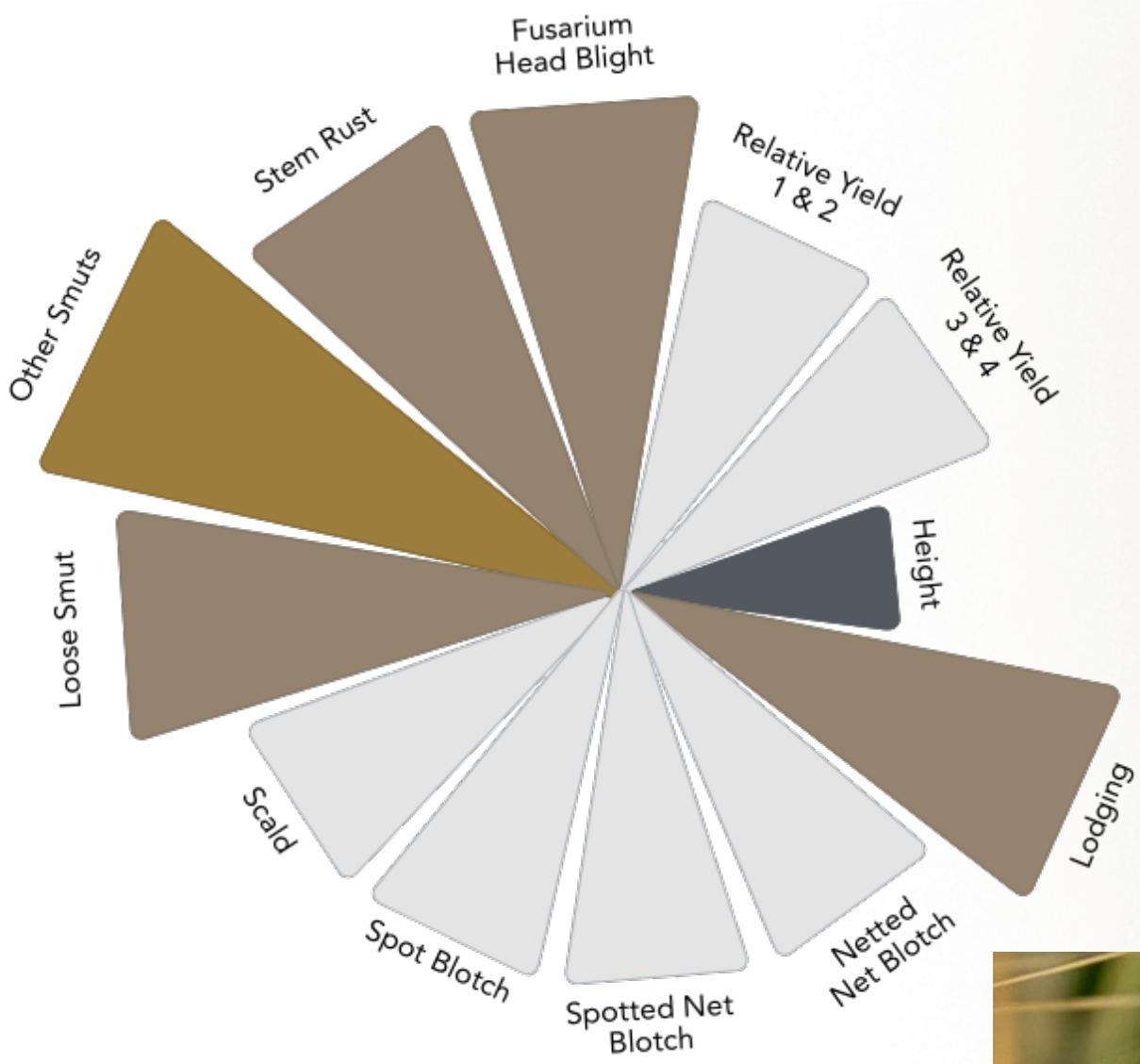
FPGenetics.

## AB Hague

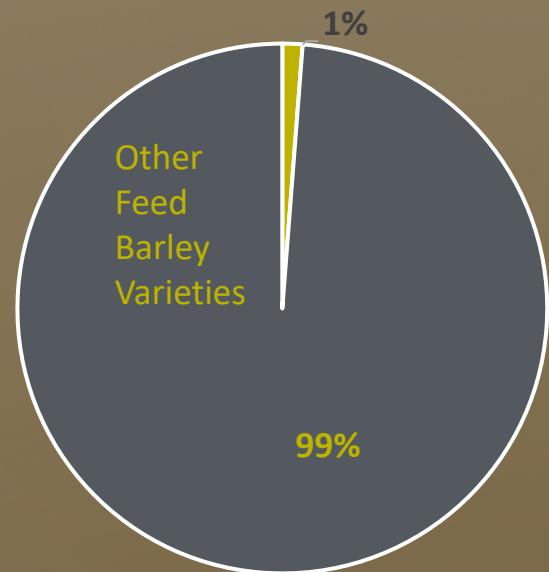


### Highlights:

- One of the best all around disease packages
- Good standability
- Taller variety
- Drought tolerance
- Reg. 2021

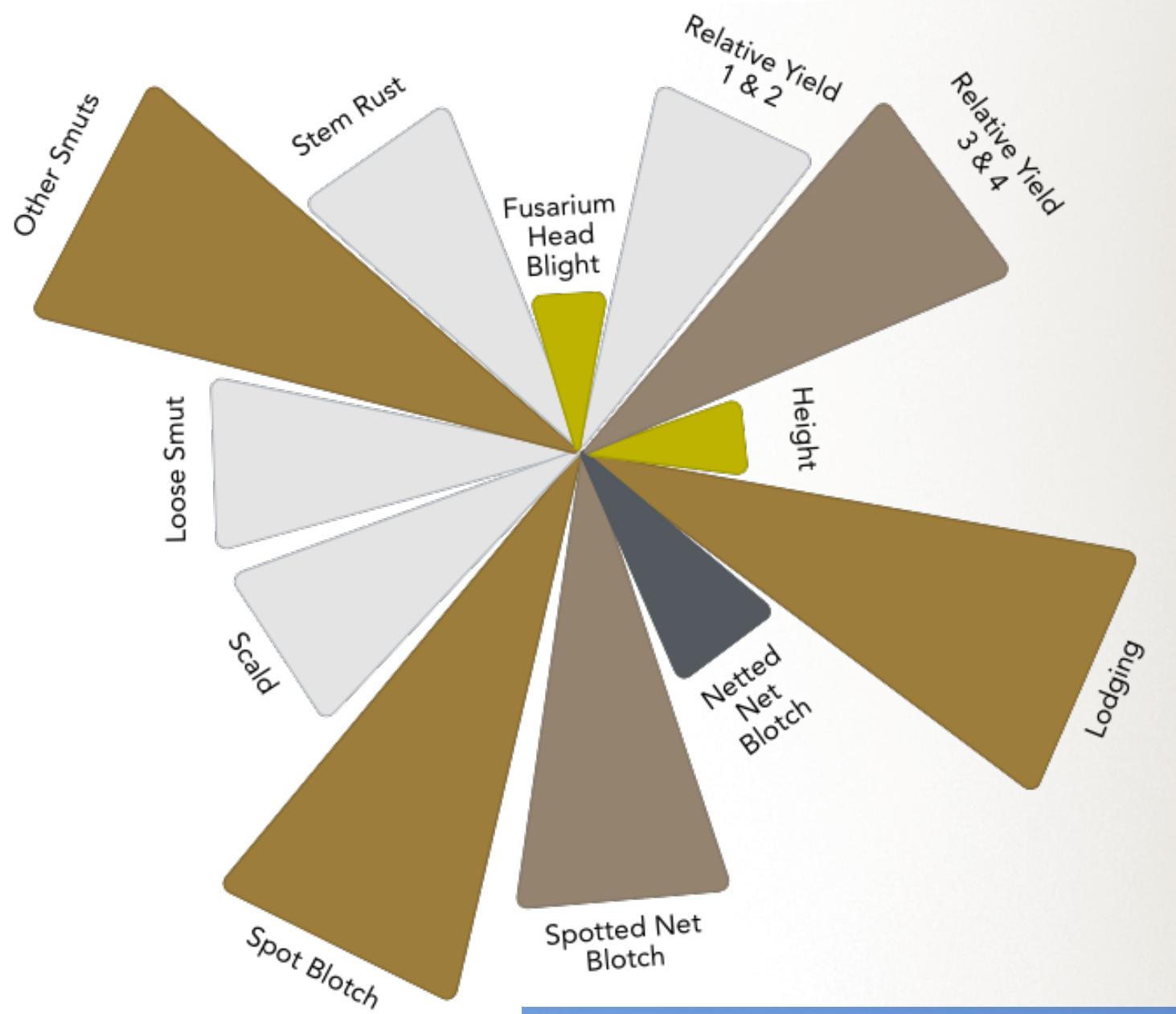


# AB Cattlelac

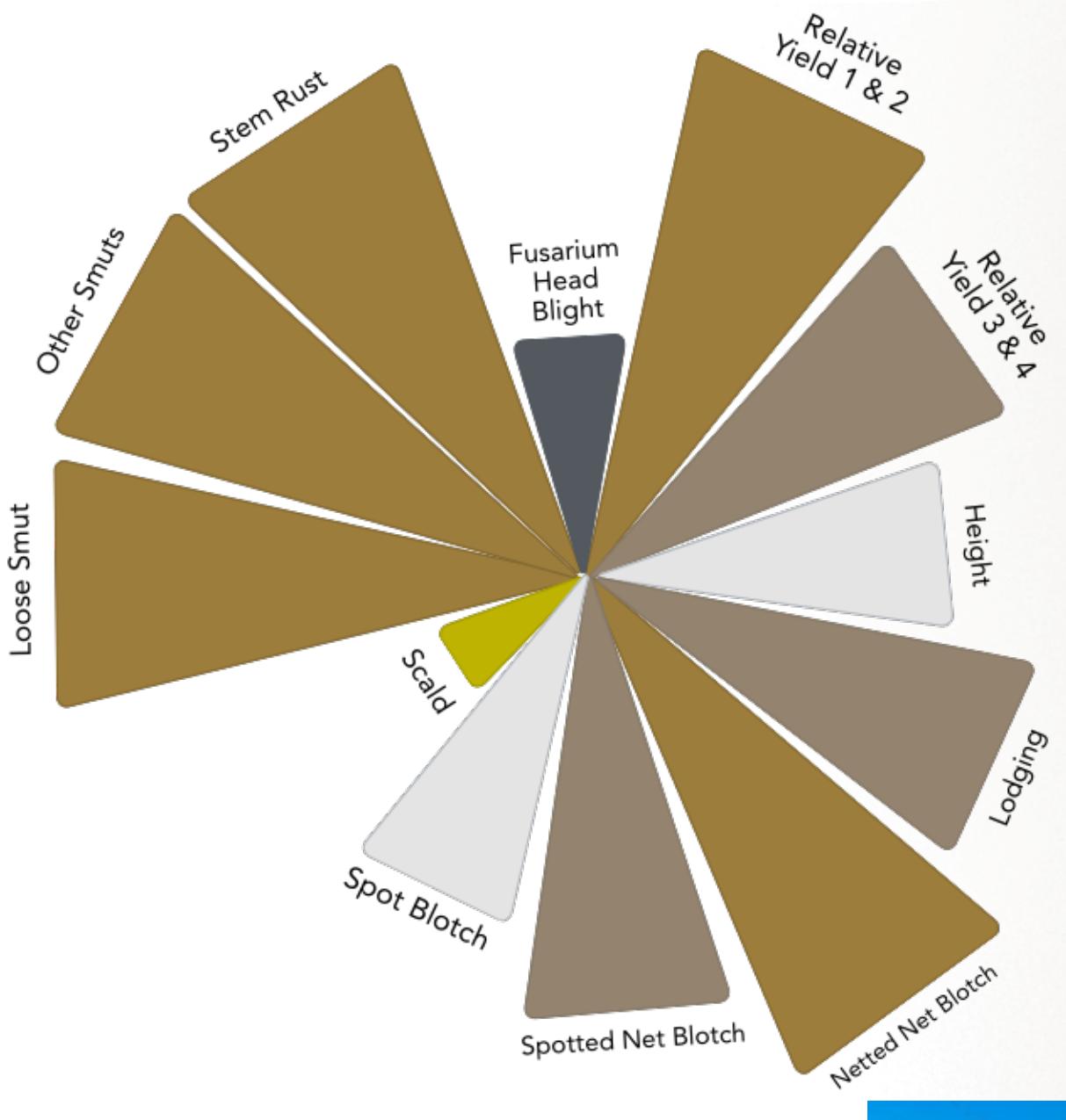


## Highlights:

- 6-row, semi -smooth awns
- High forage yield
- Good for straw production
- Good disease package
  - Weak for FHB
- Reg. 2017



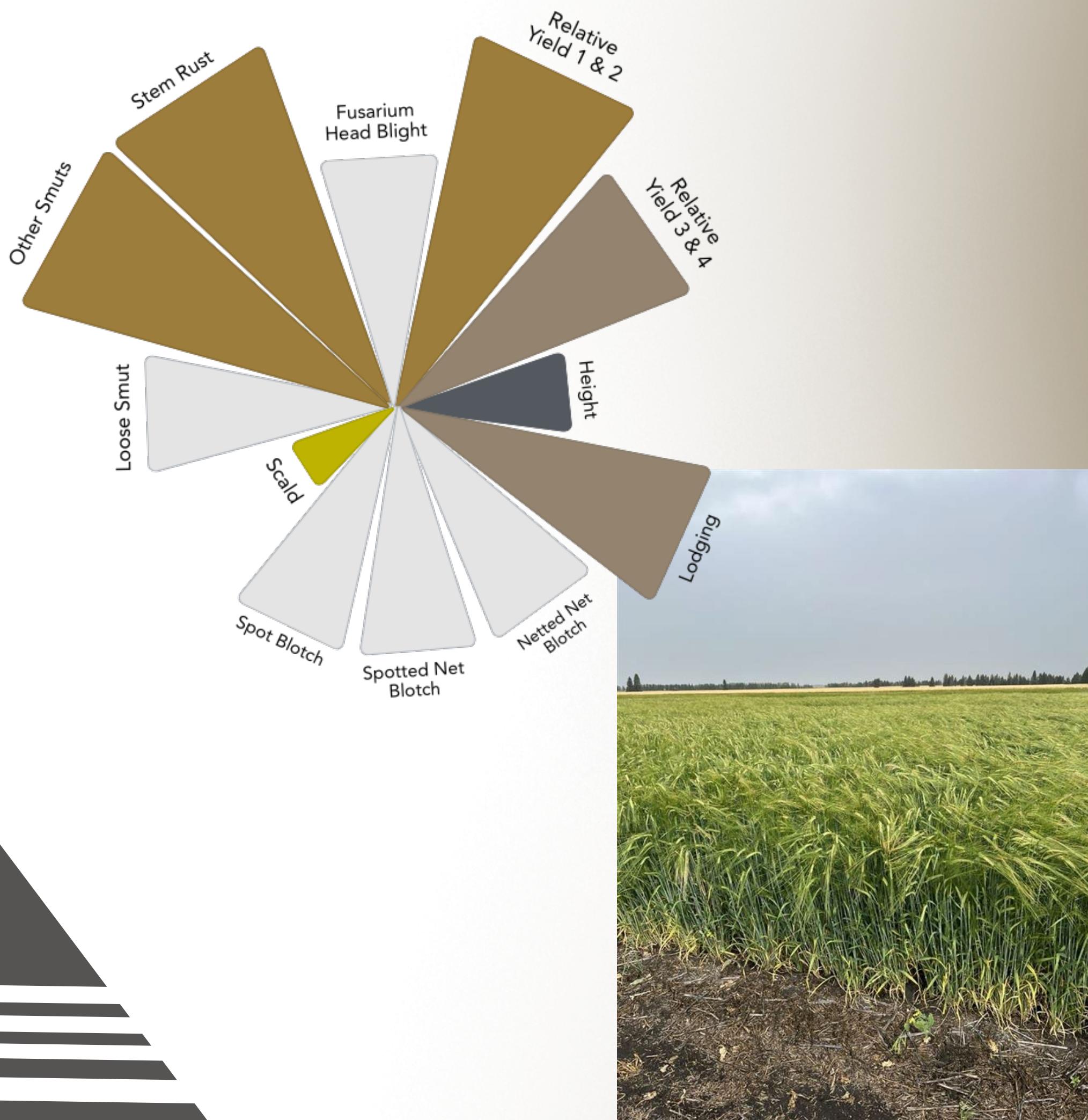
# AAC Lariat



## Highlights:

- Short, strong straw
- High yield
- Plump kernels
- High energy, low fibre feed
- All around disease resistance
- Reg. 2022

# Cantu

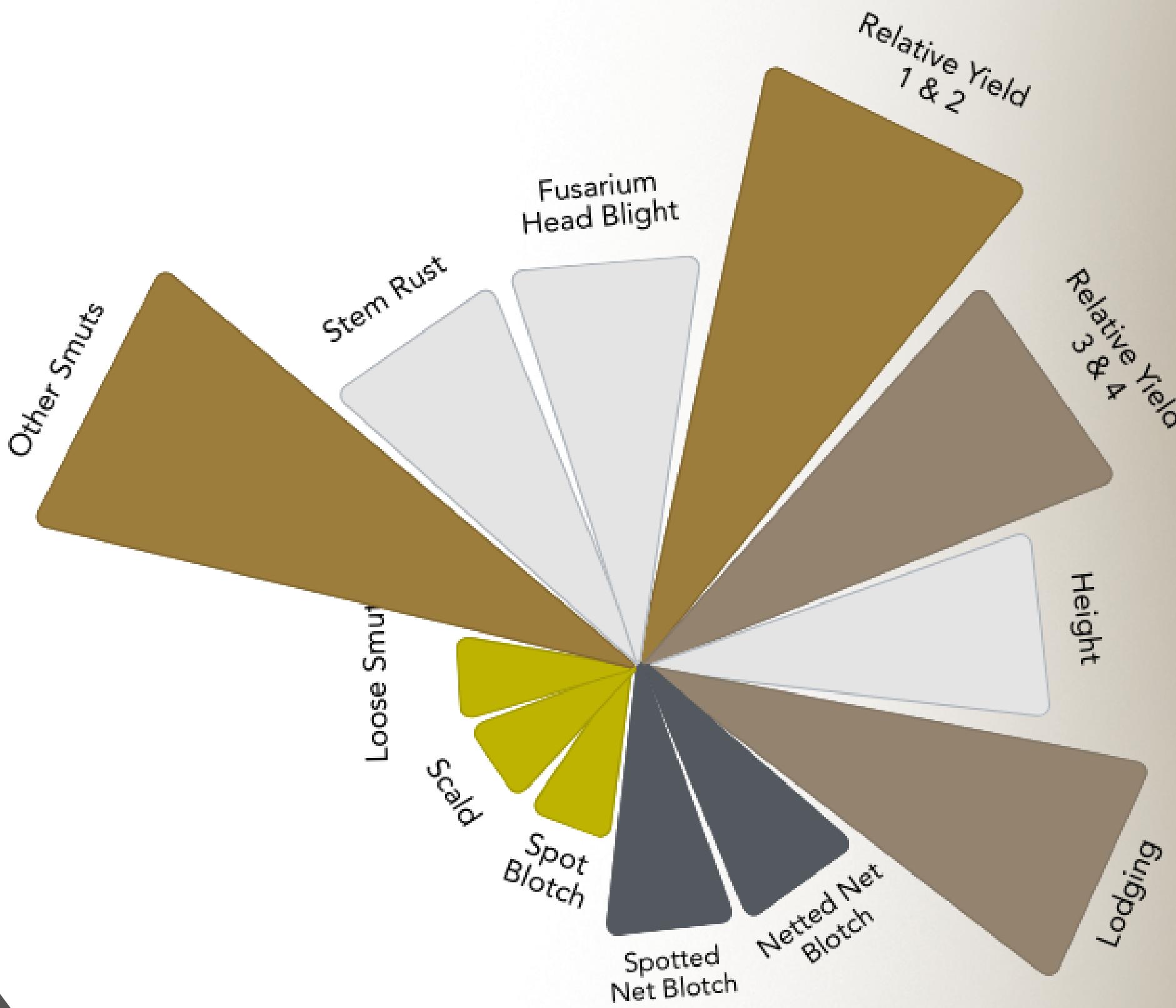


## Highlights:

- Tall, with strong straw
- High yielding
- Replaces Claymore

Available Spring 2026, but sold out.  
More in 2027. (Reg. 2022)

# Ferguson

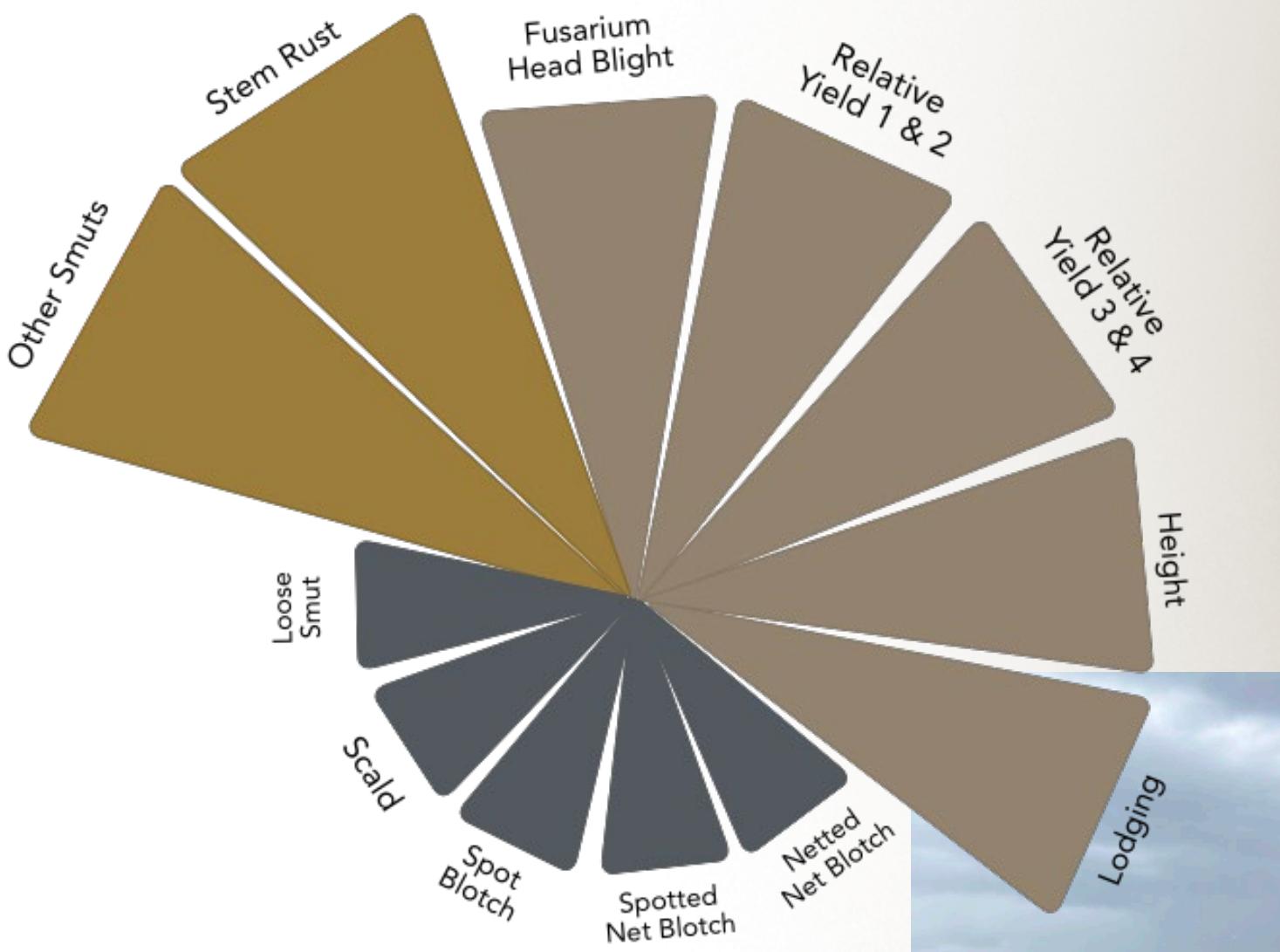


## Highlights:

- Replacing Altorado
- High yield in northern zones
- Dual purpose feed/forage

Available for 2028 (Reg. 2023)

## Carleton



### Highlights:

- Short, strong straw
- High yielding
- Widely adapted
- Replaces Oreana
- Reg. 2024



FPGenetics.

## CDC Harness



### Highlights:

- Short, strong straw
- High yielding
- High kernel weight
- Plump, uniform kernels

Available Spring 2028 (Reg. 2025)

# Processing barley grain with variable kernel size

Dr. Greg Penner, U of S

\$118K

Improve Barley  
Utilization in  
Cattle Diets

Processing  
Severity

Processing  
Method



# Fine-tuning dry -rolled barley grain processing for finishing beef cattle

Dr. Greg Penner, U of S

\$79K

Optimal  
Processing  
Severity

Feed Intake

Growth  
Efficiency



# 2026 Protocols:

1. Incorporating Plant Growth Regulators on Saskatchewan Barley Farms
2. Optimizing Barley Fertility
3. High Yielding Barley with Alternative Seeding Implements
4. Fine Tuning Barley Seeding Rates
5. Exploring New Barley Varieties
6. Harvest Weed Seed Control in Barley

Registration for 2026 Closes March 6





# Refining Barley Processing for Better Cattle Performance

February 24th at 10:00 AM CST



Register Now!

[saskbarley.com/events](http://saskbarley.com/events)



With Dr. Greg Penner,  
University of Saskatchewan



DISCOVER

# Research & Resources Online

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